EPA-450/4-83-023
January 1984

1981 NATIONAL EMISSIONS DATA SYSTEM (NEDS) FUEL USE REPORT

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

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National Air Data Branch
Monitoring and Data Analysis Division

U.S. ENVIRONMENTAL PROTECTION AGENCY
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ABSTRACT

This report summarizes annual estimates of total consumption of major fuels such as coal, fuel oil, natural gas, gasoline, and diesel fuel. Estimates of the consumption of a number of other comparatively minor fuels are also included. The data are distributed according to major categories of air pollutant emissions sources and are reported for the nation as a whole and for individual States, territories, and the District of Columbia.

The data compilations are obtained from the U.S. Environmental Protection Agency's National Emissions Data System (NEDS). Portions of the NEDS data are reported to EPA by State agencies under the provisions of Section 110 of the Clean Air Act and EPA Regulations, Title 40 Code of Federal Regulations, Part 51.321. The NEDS is a component of the comprehensive EPA air data information system, and the Aerometric and Emissions Reporting System (AEROS). AEROS is managed by the National Air Data Branch (NADB), Monitoring and Data Analysis Division, Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, at Research Triangle Park, North Carolina.

ACKNOWLEDGMENT

This report would not have been possible without the contributions of persons in many areas of government. In particular, credit is due to scientists and technical personnel engaged in preparation of data for NEDS and to those who are responsible for management of the system. Included are employees of the National Air Data Branch, NEDS contacts in each of the 10 EPA Regional Offices, and numerous others in State and local air pollution agencies who supplied data to NEDS. Mr. Charles Mann of NADB prepared the introductory text and coordinated the production of the document.

1981

NEDS FUEL USE REPORT

INTRODUCTION

The National Emissions Data System (NEDS), operated by the United States Environmental Protection Agency, stores a large volume of data on sources and emissions of air pollutants throughout the United States. One of the important elements of the NEDS data base is fuel-use information, which is necessary for the computation of emissions for sources in NEDS. Because of the importance of this fuel-use information in its own right, the National Air Data Branch (NADB) has elected to present fuel-use data extracted from NEDS data files in this report.

The following tables contain summaries of the NEDS fuel-use data from the NEDS files that best represent calendar year 1981. For the Nation, each State, the District of Columbia, and three territories, a table is presented.

EXPLANATION OF TABLE FORMATS

To understand the categories of data shown in the data tables, the reader must be aware of the manner in which data are stored in NEDS. Data in NEDS may be recorded either for point sources or area sources. Point sources are generally those large stationary sources of air pollution for which individual records are kept. To qualify as a point source for NEDS reporting purposes, an individual facility must emit more than 100 tons per year of any pollutant for which ambient air quality criteria have been established. These pollutants are particulates, sulfur oxides, nitrogen

oxides, volatile organic compounds, and carbon monoxide. In NEDS, therefore, point sources are usually facilities that annually emit more than 100 tons of any of these pollutants. In the point source file, however, NEDS also contains records for some facilities with smaller emissions. At each facility recorded as a point source, there may be a number of individual emission points that produce emissions. Each of these is identified by a Source Classification (SCC) in NEDS. For those SCC's that involve fuel combustion, the data on amount of fuel burned for each SCC have been extracted by NADB computer programs and are summarized in the following tables.

Area sources are all air pollution sources that are not recorded as point sources. Generally, individual records are not kept for these sources, but only an estimate of the activity for an aggregate of sources in a specific geographical area. In NEDS, area source data are kept for each of the approximately 3100 counties and county-equivalents in the U.S. Area sources include all mobile air pollution sources, such as automobiles, trucks, and railroad locomotives, and stationary sources not included as point sources, such as small industrial and commercial fuel consumers and residential fuel users. All together, approximately 60 area source categories are defined in NEDS. The county level data for those categories involving fuel combustion are extracted by computer programs from the area source files and are summarized in the following tables.

On each table, the source categories are listed in a column on the left-hand side. The fuel types are listed across the top of the page for both point and area sources. Additional fuel types, the use of which may be reported in NEDS for point sources only, are identified just below the center of the page. Most readers are probably familiar with each of the fuel types that are shown. For NEDS reporting purposes, fuel types are defined to the level of detail required for the calculation of emissions from the combustion of each fuel. In the tables, residual oil refers to

fuel oil grades 5 and 6. Distillate oil refers to fuel oil grades 1, 2, and 4 and also includes kerosene. Diesel fuel includes only those distillate fuel oils burned in internal combustion engines. Lignite coal, bituminous coal, and anthracite coal are all reported separately since the combustion techniques for each differ somewhat for each coal type; also the resulting emission differs somewhat for each coal type. Any area source use of lignite, however, is included with the area source bituminous coal totals. Coke generally refers to metallurgical coke, made from distillation of coal, but may also, in a few instances, include petroleum coke. Bagasse is the fibrous residue remaining after juices have been extracted from sugar cane. Process gas may include any industrial-process off-gas that has enough heating value to be used as fuel. The most common process gases are coke oven gas and blast furnace gas at iron and steel mills and, also, refinery gases produced at petroleum refineries and petrochemical plants. The category "LIQ-PETRO" refers to liquified petroleum gases (LPG), most commonly propane and butane. Any area source LPG use is included with natural gas as "equivalent natural gas" based on a conversion to equivalent emissions resulting from fuel combustion. Jet fuel refers to naphtha or kerosene type jet fuels used only in special circumstances by stationary sources. Aviation fuel use, including all types of fuels, is not considered in the NEDS Fuel Use Report, since this fuel use cannot be meaningfully assigned to specific geographical areas. Solid waste and liquid waste refer to solid refuse or a liquid waste material that may be consumed as a fuel. Normally, such use is as an auxilary fuel to supplement a conventional fuel.

The source categories are divided into point and area sources, with a total for each and a grand total for the combustion of each fuel. Area sources are divided into stationary sources and mobile sources. The area-source stationary-source categories include stationary-source fuel use not accounted for by point sources. Under mobile sources, the category Light-Duty Vehicles refers to passenger cars with a gross vehicle weight less than 3856 kg (8500 pounds). Light Duty Trucks refer to gasoline powered

cargo trucks with gross vehicle weight less than 3856 kg, and Heavy Duty Vehicles refer to gasoline and diesel powered trucks and buses with gross vehicle weight greater than 3856 kg. Off highway includes fuel use by agricultural, construction, and industrial equipment; lawn and garden tractors; snowmobiles and off-highway motorcycles. Point-source fuel use is divided into external combustion, inprocess, and internal combustion portions. External combustion refers to fuel combustion in boilers. Inprocess includes fuel used in industrial process equipment such as dryers, kilns, and furnaces. Internal combustion refers to fuel use in internal combustion engines, including piston engines and turbines.

AVAILABILITY OF DATA

The data presented in this report are based on standard computer reports of the National Emissions Data System. Reports in the same format are also available for other geographic areas such as Air Quality Control Regions (AQCR's) and counties. Computer reports that show the data for these other geographic areas or the most recent State and national totals may be requested from NADB or NEDS contacts in EPA Regional Offices. Data requests from persons not affiliated with the Government may require imposition of a service charge, depending on the amount of data requested.

DATA COLLECTION METHODOLOGY

Specifit data collection techniques apply to point and area source data.

POINT SOURCES

The point source data originate at State air pollution control agencies. Under the requirements for preparation, adoption, and submittal of State Implementation Plans (SIP's), the State agencies are required to report in NEDS format specifically defined changes to the data for point source facilities with emissions of more than 100 tons per year. The specific reporting requirements are given in Title 40, Code of Federal Regulations, Part 51.321. The States are required to report changes annually to the EPA Regional Offices, who in turn forward the data to NADB for inclusion in NEDS computerized files. The data are stored in NEDS for each point source and are identified by Source Classification Codes (SCC's). The NEDS files contain data for more than 55,000 facilities, with over 75,000 SCC records relating to fuel combustion. The point source data shown in the NEDS Fuel Use Report are obtained by summing the annual fuel use reported for each fuel combustion SCC into the appropriate source categories for each geographic area.

AREA SOURCES

There are no EPA requirements for the States to report area source data in NEDS format. Nevertheless, a number of States are interested in reporting such data and are encouraged to do so by EPA to enhance the accuracy of the data base. The primary mechanism for updating of area source data is internal systems operated by NADB. Data input to these computer systems are obtained primarily from information published by other U.S. Government agencies. For stationary-source fuel use, the Energy Data Reports for coal, fuel oil, and natural gas, published by the U.S. Department of Energy serve as the primary references. For mobile-source fuel-use data published in Highway Statistics, Federal Highway Administration, U.S. Department of Transportation, is the primary reference. These references

give data on fuel use at National, Regional, and State levels. The NEDS area source data bank is based on a county level. The basic procedure used to prepare these data is to take the literature data for a State, subtract the NEDS point-source fuel use, if appropriate, and apportion the remaining amount of counties on the basis of standard apportioning parameters. For instance, industrial fuel use may be apportioned to counties by using industrial employment data on a county basis, which has been adjusted to eliminate the employment of point source facilities and weighted according to fuel intensity factors for different industries. The details of these procedures are described in full in the AEROS User's Manual, Vol. II (OAQPS Guidelines No. 1.2-039), EPA-450/2-76-029, Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, Research Triangle Park, North Carolina 27711). NADB annually updates the NEDS area source files. If data are received from a State agency, these data are reviewed and normally will be substituted for the NADB-produced data in the NEDS area-source files.

DISCUSSION AND ANALYSIS OF DATA

The data in the tables for the Nation and each State come from a variety of sources and are produced through a number of techniques. The responsibility for the management of the computerized data bank that stores NEDS information and for the publication of NEDS data is that of the National Air Data Branch. The responsibility for the collection of NEDS data and assurance of the accuracy of the data rests with the EPA Regional Offices, working through the State air pollution control agencies. Since all point-source data originate with State agencies, they are ultimately responsible for the accuracy and completeness of NEDS data. Similarly, if area source data originate at a State, the State is responsible for its accuracy and completeness. Otherwise, area source data are the responsibility of NADB.

The data presented in the NEDS Fuel Use Report are subject to a number of limitations. The accuracy and completeness of the data are dependent, in the case of point source data, upon the accuracy, completeness, and timeliness with which data are reported to EPA by States and, in the case of area source data, upon the accuracy of the literature references and internal computational techniques used by NADB. The accuracy of any given datum is nearly impossible to assess since the true value against which the accuracy of the observed or reported value can be judged, is rarely known. Generally, State totals of fuel use reported in the NEDS Fuel Use Report agree to within $\pm$ 10% of similar data appearing in Department of Energy publications. A discrepancy of less than $\pm$ 10% is assumed to be within the limits of the expected imprecision of NEDS or literature data. It should be noted that this comparison could be performed only for those fuels and source categories for which a published literature reference is available. In many cases, the categories by which fuel use is reported in the literature do not match the NEDS categories, making a direct comparison somewhat difficult. Also, the literature references normally report data on fuel sales or distribution, which may not be exactly the same as fuel consumption data, as estimated in NEDS. For fuels such as process gas, bagasse, and wood, no comparisons with literature values could be made since no adequate literature references are known to exist for these fuels.

In some cases an inconsistency between NEDS and literature fuel totals occurs because data for particular point sources in NEDS are out of date. Where this situation occurs, a State agency has probably failed to meet, completely, annual reporting requirements in a timely manner. By comparison with Department of Energy data for electric utility plants, NADB is able to update NEDS fuel use data for electric utilities to the proper year of record. For other fuel consumption sectors, no adjustment can be made, however. As a result, industrial and commercial point source fuel use in a few States may not be consistent with the NEDS Fuel Use Report year of record.

Other deficiencies in NEDS data may occur if facilities that are large fuel consumers are not included in the point source file. Normally, what will happen in this case is that the fuel use not accounted for as point source will then be absorbed into the area source total. The result will be a total fuel use amount that is reasonable for the State, but the distribution to source categories may not be appropriate.

CONCLUSION

The NEDS Fuel Use Report presents reasonable estimates of State and National fuel use with a probable error of less than ± 10% for any given fuel except for a few cases where NEDS point-source data are not consistent with the report year. The fact that not all point-source data are as current as necessary for a meaningful analysis of fuel use in a given calendar year is the chief deficiency of the NEDS fuel use data. Errors in fuel data, which may exist in NEDS files on a temporary basis and cause major discrepancies between NEDS data and other published data, have been corrected prior to publication of this report. Other minor errors that do not significantly affect State fuel use totals probably remain in the data base. Incomplete reporting of point source data may also cause a distortion of the data presented. For coal, oil, and natural gas, fuel not accounted for by point sources is accounted for as area-source fuel use so that grand total fuel use reported in each table is reasonably complete. For other fuels that are consumed predominantly by point sources, NEDS fuel totals may be incomplete or subject to undetected errors since other published sources of data that may be used to cross-check NEDS data or to develop methodologies for accounting for missing point-source fuel use as area source fuel use are not available.

FUEL SUMMARY TABLES

The following tables report the fuel use data obtained from NEDS files.

TECHNICAL REPORT DATA
(Please read Instructions on the reverse before completing)

1. REPORT NO.	2.	3. RECIPIENT'S ACCESSION NO.
EPA-450/4-83-023		

4. TITLE AND SUBTITLE	5. REPORT DATE
1981 National Emissions Data System (NEDS) Fuel Use Report	January 1984
	6. PERFORMING ORGANIZATION CODE

7. AUTHOR(S)	8. PERFORMING ORGANIZATION REPORT NO.
National Air Data Branch	

9. PERFORMING ORGANIZATION NAME AND ADDRESS	10. PROGRAM ELEMENT NO.
U.S. Environmental Protection Agency Office of Air Quality Planning and Standards Monitoring and Data Analysis Division Research Triangle Park, North Carolina 27711	11. CONTRACT/GRANT NO.

12. SPONSORING AGENCY NAME AND ADDRESS	13. TYPE OF REPORT AND PERIOD COVERED
U.S. Environmental Protection Agency Office of Air and Radiation Office of Air Quality Planning and Standards Research Triangle Park, North Carolina 27711	Final - 1981
	14. SPONSORING AGENCY CODE

15. SUPPLEMENTARY NOTES

16. ABSTRACT

This report summarizes annual estimates of total consumption of major fuels such as coal, fuel oil, natural gas, gasoline, and diesel fuel. Estimates of the consumption of a number of other comparatively minor fuels are also included. The data are distributed according to major categories of air pollutant emissions sources and are reported for the Nation as a whole and for individual States, territories, and the District of Columbia.

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17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Emissions NEDS		

18. DISTRIBUTION STATEMENT	19. SECURITY CLASS (This Report)	21. NO. OF PAGES
Release Unlimited	UNCLASSIFIED	
	20. SECURITY CLASS (This page)	22. PRICE
	UNCLASSIFIED	

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*** A01 ***

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DATA IGNORED - IN CONTROL MODE


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FAC WARNING        040000000200


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FURPUR 28R3 U1 74R1T2 12/01/83 17:30:11
 1 SYM


@FREE  DPS*TEST-RUN
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*** A02 ***

STATE: CALIFORNIA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL				6770	510970	2475700		
INDUSTRIAL		854000			34760			
COMM-INSTL			227380		149560			
MOBILE								
LIGHT DUTY VEHICLES							8823130	
LIGHT DUTY TRUCKS							1393175	
HEAVY DUTY VEHICLES							445215	1203825
RAILROAD								332440
OFF-HIGHWAY							302322	639630
VESSELS			412050				67393	92820
AREA TOTAL		854000	639430	6770	695290	2475700	11031235	2268715
POINT SOURCES								
EXT COMB								
ELEC GEN			1937684	9141	621581	28420		
INDUSTRIAL		9187	1238981	730390	305401	3130389		
COMM-INSTL			297150	208156	87754	14520		
INPROCESS		835511	104681	147886	119524	168		
INTERNL COMB								
ELEC GEN				28957	37468			
INDUSTRIAL			637	3097	30863		7	1768
COMM-INSTL								236
POINT TOTAL		844698	3579133	1127627	1202591	3173497	7	2004
GRAND TOTAL		1698698	4218563	1134397	1897881	5649197	11031242	2270719

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN		396						
INDUSTRIAL				190481	1442		774	208
COMM-INSTL				84	1860			
INPROCESS		3153031		106245	2404			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		3153427		296810	5706		774	208

*** A03 ***

*** A04 ***

STATE: MAINE

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 1E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	1390			229560	2140	762300		
INDUSTRIAL	1430	110010		13710	810			
COMM-INSTL	31610			61230	1030			
MOBILE								
LIGHT DUTY VEHICLES							392892	
LIGHT DUTY TRUCKS							64589	
HEAVY DUTY VEHICLES							26621	57796
RAILROAD								5390
OFF-HIGHWAY							18370	11970
VESSELS			6140				9058	2910
AREA TOTAL	34430	110010	6140	304500	3980	762300	511530	78066
POINT SOURCES								
EXT COMB								
ELEC GEN			156890	214				
INDUSTRIAL			450241	5775	110	1416614		
COMM-INSTL		21000	23250	14587	22	625		
INPROCESS			16392	1248				
INTERNL COMB								
ELEC GEN				1275				
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		21000	646773	23099	132	1417239		
GRAND TOTAL	34430	131010	652913	327599	4112	2179539	511530	78066

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 1E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS		78			2000			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		78			2000			

*** A05 ***

*** AD6 ***

STATE: NORTH DAKOTA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		11650		45280	11970	33900		
INDUSTRIAL		356010	9580	38610	11670			
COMM-INSTL		52960	2120	28660	8510			
MOBILE								
LIGHT DUTY VEHICLES							278872	
LIGHT DUTY TRUCKS							47720	
HEAVY DUTY VEHICLES							23882	85913
RAILROAD								47680
OFF-HIGHWAY							6888	72600
VESSELS							2712	
AREA TOTAL		420620	11700	112550	32150	33900	360074	206193
POINT SOURCES								
EXT COMB								
ELEC GEN				3450	17			
INDUSTRIAL			26142	546	3302			
COMM-INSTL			312	758	894			
INPROCESS								
INTERNL COMB								
ELEC GEN					6			
INDUSTRIAL					1102			
COMM-INSTL								
POINT TOTAL			26454	4754	5321			
GRAND TOTAL		420620	38154	117304	37471	33900	360074	206193

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN	12379430							
INDUSTRIAL	127620			120				
COMM-INSTL	61325							
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL	12568375			120				

*** A07 ***

*** A08 ***

NEDS ANNUAL FUEL SUMMARY REPORT

STATE: WEST VIRGINIA

USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		184150		48880	48910	958200		
INDUSTRIAL				63360	68170			
COMM-INSTL	8030	54340		30070	22170			
MOBILE								
LIGHT DUTY VEHICLES							520213	
LIGHT DUTY TRUCKS							126498	
HEAVY DUTY VEHICLES							144379	116619
RAILROAD								62180
OFF-HIGHWAY							27877	16770
VESSELS							3148	6520
AREA TOTAL	8030	238490		142310	139250	958200	822115	202089
POINT SOURCES								
EXT COMB								
ELEC GEN		30138910		34496	200	13578		
INDUSTRIAL		2484302	86555	27294	7533	46623		
COMM-INSTL		18793	1708	316	29	24195		
INPROCESS		226800	76188		3324			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		32868805	164451	62106	11086	84396		
GRAND TOTAL	8030	33107295	164451	204416	150336	1042596	822115	202089

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL		1300		236432	3660			2502
COMM-INSTL								
INPROCESS		17872		68132				
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		19172		304564	3660			2502

*** B01 ***

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    48.          00    47    1
    49.          00    48    1
    50.          00    49    1
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*** B02 ***

*** B03 ***

STATE: IDAHO

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		56230		17710	8030	399000		
INDUSTRIAL		8000		23590	260			
COMM-INSTL		26060		4940	5400			
MOBILE								
LIGHT DUTY VEHICLES							336303	
LIGHT DUTY TRUCKS							57009	
HEAVY DUTY VEHICLES							27370	72648
RAILROAD								25610
OFF-HIGHWAY							14701	72060
VESSELS							5463	
AREA TOTAL		90290		46240	13690	399000	440846	170318
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL		306750	6078	687	9014	1669390		
COMM-INSTL		15295	5660	530		15000		
INPROCESS		146521		1098	28940			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		468566	11738	2315	37954	1684390		
GRAND TOTAL		558856	11738	48555	51644	2083390	440846	170318

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS				2480000				
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL				2480000				

*** B04 ***

*** B05 ***

STATE: NEBRASKA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		2250		17290	49840	90400		
INDUSTRIAL		210980	480	7720	25460			
COMM-INSTL		4950	390	25210	35570			
MOBILE								
LIGHT DUTY VEHICLES							563071	
LIGHT DUTY TRUCKS							97886	
HEAVY DUTY VEHICLES							52319	164873
RAILROAD								37690
OFF-HIGHWAY							16022	107500
VESSELS							5761	
AREA TOTAL		218180	870	50220	110870	90400	735059	310063
POINT SOURCES								
EXT COMB								
ELEC GEN		5072899	573	3250	4097			
INDUSTRIAL		93580	1005	1628	16468	4500		
COMM-INSTL		5275	220	1312	5068			
INPROCESS			1	67	2950			
INTERNL COMB								
ELEC GEN				646	846			
INDUSTRIAL				549	4502			
COMM-INSTL								
POINT TOTAL		5171754	1799	7452	33931	4500		
GRAND TOTAL		5389934	2669	57672	144801	94900	735059	310063

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				9			186250	
COMM-INSTL								
INPROCESS		7494			12			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		7494		9	12		186250	

*** B06 ***

*** B07 ***

NEDS ANNUAL FUEL SUMMARY REPORT

STATE: SOUTH DAKOTA

USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITH COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		2120		29860	14000	56200		
INDUSTRIAL		164980	530	3760				
COMM-INSTL		10060	470	8870	7120			
MOBILE								
LIGHT DUTY VEHICLES							262926	
LIGHT DUTY TRUCKS							46469	
HEAVY DUTY VEHICLES							26456	75806
RAILROAD								3800
OFF-HIGHWAY							22039	52820
VESSELS							3280	
AREA TOTAL		177160	1000	42490	21120	56200	361170	132426
POINT SOURCES								
EXT COMB								
ELEC GEN		130700	33	2090	45			
INDUSTRIAL			2655		1046	3900		
COMM-INSTL				9308	1119			
INPROCESS			2770	3025	4726			
INTERNL COMB								
ELEC GEN				32	23			
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		130700	5458	14455	6959	3900		
GRAND TOTAL		307860	6458	56945	28079	60100	361170	132426

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN	2509234			414				
INDUSTRIAL								
COMM-INSTL	36437							
INPROCESS					892			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL	2545671			414	892			

*** B08 ***

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*** C01 ***                                                    *** C01 ***
@ASG,A NADB*NADB-ABS/
FAC WARNING        040200000000

@COPY,A NADB*NADB-ABS.NE213,TPF$.NE213
FURPUR 28R3 U1 74R1T2 12/01/83 17:30:13
 1 ABS

@FREE NADB*NADB-ABS.

@ASG,A NADB*NEDS-USER-AR.

@ASG,A  NADB*1981.

@USE  NEDS-USER.,NADB*1981.

@ASG,A NADB*AERO-CTYCNTY.
FAC WARNING        040000104000

@ASG,A NADB*AERO-AQCR.

@ASG,A NADB*NEDS-INDX-ST.

@XQT TPF$.NE213
```

*** CO2 ***

STATE: COLORADO

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITH COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		38920		4640	84420	479600		
INDUSTRIAL			1370	49930	26960			
COMM-INSTL	970	15390						
MOBILE								
LIGHT DUTY VEHICLES							1174083	
LIGHT DUTY TRUCKS							189166	
HEAVY DUTY VEHICLES							69310	163530
RAILROAD								69390
OFF-HIGHWAY							36110	76340
VESSELS							5356	
AREA TOTAL	970	54310	1370	54570	111380	479600	1474025	309260
POINT SOURCES								
EXT COMB								
ELEC GEN		11796290	2917	4319	12861	744		
INDUSTRIAL		470026	3869	2633	26669			
COMM-INSTL		52730	37362	53002	59967	10208		
INPROCESS		664607			4124			
INTERNL COMB								
ELEC GEN				1889	4963			
INDUSTRIAL				2876	7253			
COMM-INSTL								
POINT TOTAL		12983653	44148	64719	115837	10952		
GRAND TOTAL	970	13037963	45518	119289	227217	490552	1474025	309260

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL	30	81278	1422	2769	1042			
COMM-INSTL				92	1018			
INPROCESS				73596	200			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL	30	81278	1422	76457	2260			

*** C03 ***

*** C04 ***

STATE: MARYLAND

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	1610	22740		311440	73830	1089800		
INDUSTRIAL				37890	26280			
COMM-INSTL	11660			12500	20920			
MOBILE								
LIGHT DUTY VEHICLES							1537757	
LIGHT DUTY TRUCKS							245539	
HEAVY DUTY VEHICLES							84857	199698
RAILROAD								26060
OFF-HIGHWAY							38861	42140
VESSELS			45820				17812	19870
AREA TOTAL	13270	22740	45820	361830	121030	1089800	1924826	287768
POINT SOURCES								
EXT COMB								
ELEC GEN		5206710	220352	80621	500			
INDUSTRIAL	8230	380633	135706	21960	8148	23328		
COMM-INSTL		15091	79905	71485	11109			
INPROCESS		392299	56922	15716	30372	72		
INTERNL COMB								
ELEC GEN				18820	5995			
INDUSTRIAL				1409	2019			
COMM-INSTL								3748
POINT TOTAL	8230	5994733	492885	210011	58143	23400		3748
GRAND TOTAL	21500	6017473	538705	571841	179173	1113200	1924826	291516

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				129302	1			4531
COMM-INSTL								
INPROCESS		4092		113	639			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		4092		129415	640			4531

*** C05 ***

*** C06 ***

STATE: OHIO

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	1550			282020	389820	2535300		
INDUSTRIAL				156070	172840			
COMM-INSTL	48440			113330	159590			
MOBILE								
LIGHT DUTY VEHICLES							3684095	
LIGHT DUTY TRUCKS							614505	
HEAVY DUTY VEHICLES							273209	734732
RAILROAD								288330
OFF-HIGHWAY							137279	208110
VESSELS		117690	420				26881	2930
AREA TOTAL	49990	117690	420	551620	722250	2535300	4735969	1234102
POINT SOURCES								
EXT COMB								
ELEC GEN		48397074	20338	16647	1047	6589		
INDUSTRIAL		5905338	257988	150415	40114	59541		
COMM-INSTL		838998	16857	9227	1515			
INPROCESS		1007674	54738	14948	91412			
INTERNL COMB								
ELEC GEN				7679	1260			
INDUSTRIAL				941	95			
COMM-INSTL								
POINT TOTAL		56149084	349921	199857	135445	66130		
GRAND TOTAL	49990	56266774	350341	751477	857695	2601430	4735969	1234102

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN				1892				
INDUSTRIAL		23884		859843	202			1405
COMM-INSTL								
INPROCESS		241950		101421				
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		265834		963156	202			1405

*** C07 ***

*** C08 ***

STATE: WISCONSIN

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL				318070	123720	1508700		
INDUSTRIAL					70920			
COMM-INSTL	3030			62390	59860			
MOBILE								
LIGHT DUTY VEHICLES							1584749	
LIGHT DUTY TRUCKS							265919	
HEAVY DUTY VEHICLES							121741	305234
RAILROAD								43850
OFF-HIGHWAY							65857	88520
VESSELS			580				34937	5230
AREA TOTAL	3030		580	380460	254500	1508700	2073203	442834
POINT SOURCES								
EXT COMB								
ELEC GEN		13870216	3855	7795	5128			
INDUSTRIAL		2314149	121500	31314	44611	928659		
COMM-INSTL		191845	3792	6393	8202			
INPROCESS		45367	7700	9964	22061	9755		
INTERNL COMB								
ELEC GEN				3398	2928			
INDUSTRIAL				5238	109			
COMM-INSTL								
POINT TOTAL		16421577	136847	64102	83039	938414		
GRAND TOTAL	3030	16421577	137427	444562	337539	2447114	2073203	442834

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				1680	8822		61335	38574
COMM-INSTL								
INPROCESS		129431			5507			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		129431		1680	14329		61335	38574

*** D02 ***

*** D03 ***

STATE: ILLINOIS

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	550	38670		116080	486680	1830000		
INDUSTRIAL		783010			93910			
COMM-INSTL	62250	79330		168150	75710			
MOBILE								
LIGHT DUTY VEHICLES							3502545	
LIGHT DUTY TRUCKS							585636	
HEAVY DUTY VEHICLES							263504	626825
RAILROAD								219650
OFF-HIGHWAY							185978	151910
VESSELS							28642	4670
AREA TOTAL	62800	901010		284230	656300	1830000	4566305	1003055
POINT SOURCES								
EXT COMB								
ELEC GEN		32437937	399290	22179	7865	876		
INDUSTRIAL	2978	1966712	396886	241246	205209	5080		
COMM-INSTL		45245	62498	12108	47739			
INPROCESS		876	23805	21979	56417	7007		
INTERNL COMB								
ELEC GEN				10897	6496			
INDUSTRIAL				6565	14213			
COMM-INSTL								
POINT TOTAL	2978	34450770	882479	314974	337939	12963		
GRAND TOTAL	65778	35351780	882479	599204	994239	1842963	4566305	1003055

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL	3152	7621		83563	1051			
COMM-INSTL	4900			88700				
INPROCESS		420480						
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL	8052	428101		172263	1051			

*** D04 ***

*** D05 ***

STATE: NEVADA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	690			7850	14950	129000		
INDUSTRIAL		89000	970	9620	4200			
COMM-INSTL	300	2960	670		6950			
MOBILE								
LIGHT DUTY VEHICLES							404182	
LIGHT DUTY TRUCKS							61047	
HEAVY DUTY VEHICLES							13014	76584
RAILROAD								24360
OFF-HIGHWAY							8301	11750
VESSELS							3796	
AREA TOTAL	990	91960	1640	17470	26100	129000	490340	112694
POINT SOURCES								
EXT COMB								
ELEC GEN		4858300	8800	606	39805			
INDUSTRIAL		83860		2111	498			
COMM-INSTL			399	37679	1327			
INPROCESS			650	1087	1207			
INTERNL COMB								
ELEC GEN				420	4405			
INDUSTRIAL					1724			
COMM-INSTL								
POINT TOTAL		4942160	9849	41903	48966			
GRAND TOTAL	990	5034120	11489	59373	75066	129000	490340	112694

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				4493				
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL				4493				

*** D06 ***

*** D07 ***

STATE: TENNESSEE

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		68410		56890	45370	2095200		
INDUSTRIAL		613190			42380			
COMM-INSTL	42430		3000		18350			
MOBILE								
LIGHT DUTY VEHICLES							1841047	
LIGHT DUTY TRUCKS							305766	
HEAVY DUTY VEHICLES							133006	411616
RAILROAD								124060
OFF-HIGHWAY							53657	50680
VESSELS							20439	58790
AREA TOTAL	42430	681600	3000	56890	106100	2095200	2353915	645146
POINT SOURCES								
EXT COMB								
ELEC GEN		20496680	1311	7919				
INDUSTRIAL		2166487	96423	60525	53826	1225299		
COMM-INSTL		100520		58808	24303	1350		
INPROCESS		153059	13501	52071	29118			
INTERNL COMB								
ELEC GEN				5637	320			
INDUSTRIAL				1559	13001			
COMM-INSTL								
POINT TOTAL		22916746	111235	186519	120568	1226649		
GRAND TOTAL	42430	23598346	114235	243409	226668	3321849	2353915	645146

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				32106	1602			21920
COMM-INSTL					80			
INPROCESS		20712		29	24856			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		20712		32135	26538			21920

*** D08 ***

*** E01 ***

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@ADD,ELP TPF$.CARDS
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*** E02 ***

STATE: CONNECTICUT

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	3740	400		553160	36030	792100		
INDUSTRIAL				23670	12810			
COMM-INSTL	19020	1420		117800	19520			
MOBILE								
LIGHT DUTY VEHICLES							1062119	
LIGHT DUTY TRUCKS							162851	
HEAVY DUTY VEHICLES							40656	106096
RAILROAD								1040
OFF-HIGHWAY							36944	17970
VESSELS							8153	360
AREA TOTAL	22760	1820		694630	68360	792100	1310723	125466
POINT SOURCES								
EXT COMB								
ELEC GEN		1	762917	3259				
INDUSTRIAL		1076	169655	8998	3202			
COMM-INSTL			55081	6355	1966			
INPROCESS	11234		9190	12330	3290			
INTERNL COMB								
ELEC GEN				868				
INDUSTRIAL				136	396			260
COMM-INSTL								
POINT TOTAL	11234	1077	996843	31946	8854			260
GRAND TOTAL	33994	2897	996843	726576	77214	792100	1310723	125726

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL							720	714
COMM-INSTL								
INPROCESS					97			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL					97		720	714

*** E03 ***

*** E04 ***

STATE: MASSACHUSETTS

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITH COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	6190			794950	99940	1085000		
INDUSTRIAL		48000		61530	5630			
COMM-INSTL	88810		83820	231880	47140			
MOBILE								
LIGHT DUTY VEHICLES							1808740	
LIGHT DUTY TRUCKS							287608	
HEAVY DUTY VEHICLES							96613	186560
RAILROAD								6220
OFF-HIGHWAY							68015	15800
VESSELS			9590				16206	4160
AREA TOTAL	95000	48000	93410	1088360	152710	1085000	2277182	212740
POINT SOURCES								
EXT COMB								
ELEC GEN		844600	1739401	5126	6537			
INDUSTRIAL		8260	278466	14232	23134	26227		
COMM-INSTL		40010	53849	22378	2990			
INPROCESS			2519	7527	2448			
INTERNL COMB								
ELEC GEN				7430	96			
INDUSTRIAL				142				
COMM-INSTL								
POINT TOTAL		892870	2074235	56835	35205	26227		
GRAND TOTAL	95000	940870	2167645	1145195	187915	1111227	2277182	212740

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				2530	119		66190	
COMM-INSTL								
INPROCESS				1723	520			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL				4253	639		66190	

*** E05 ***

*** E06 ***

NEDS ANNUAL FUEL SUMMARY REPORT

STATE: OKLAHOMA

USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		5830		4370	78340	874300		
INDUSTRIAL		83010	2460	117010	130380			
COMM-INSTL		1540		23220	26170			
MOBILE								
LIGHT DUTY VEHICLES							1122700	
LIGHT DUTY TRUCKS							280041	
HEAVY DUTY VEHICLES							330321	340654
RAILROAD								69640
OFF-HIGHWAY							39003	82010
VESSELS							19051	
AREA TOTAL		90380	2460	144600	234890	874300	1791116	492304
POINT SOURCES								
EXT COMB								
ELEC GEN		8367648		872	260178			
INDUSTRIAL	26655	255946	28612	10986	67081	349337		
COMM-INSTL				4574	14670			
INPROCESS		108000	1245	2901	57667			
INTERNL COMB								
ELEC GEN				742	22449			
INDUSTRIAL				189	19761			
COMM-INSTL								
POINT TOTAL	26655	8731594	29857	20264	441806	349337		
GRAND TOTAL	26655	8821974	32317	164864	676696	1223637	1791116	492304

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				35344	298			
COMM-INSTL								
INPROCESS		3600			5117			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		3600		35344	5415			

*** E07 ***

*** E08 ***

STATE: WYOMING

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		45350		1360	12160	149200		
INDUSTRIAL			4290	192000	30580			
COMM-INSTL		50520	280	10440	3390			
MOBILE								
LIGHT DUTY VEHICLES							276153	
LIGHT DUTY TRUCKS							46238	
HEAVY DUTY VEHICLES							20956	107735
RAILROAD								166560
OFF-HIGHWAY							6168	45110
VESSELS							1284	
AREA TOTAL		95870	4570	203800	46130	149200	350799	319405
POINT SOURCES								
EXT COMB								
ELEC GEN		10882740		6085	100			
INDUSTRIAL		1345576	51041	6456	13989	28173		
COMM-INSTL					28			
INPROCESS		130410	1251	330	2376			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL					7672			
COMM-INSTL								
POINT TOTAL		12358726	52292	12871	24165	28173		
GRAND TOTAL		12454596	56862	216671	70295	177373	350799	319405

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN	5587700							
INDUSTRIAL	541384			4685				
COMM-INSTL								
INPROCESS		4600		54				
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL	6129084	4600		4739				

*** F01 ***

NATIONAL REPORT

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	900510	1391240		8923070	4937500	48025600		
INDUSTRIAL	11440	15196290	1475270	2838430	3390480	200000		
COMM-INSTL	1182070	1036100	1621140	2823120	1896620	3500		
MOBILE								
LIGHT DUTY VEHICLES							81273062	
LIGHT DUTY TRUCKS							13404497	
HEAVY DUTY VEHICLES							5622789	14614051
RAILROAD								4227790
OFF-HIGHWAY VESSELS		117690	1474950				2842669	4743612
							995302	1054040
AREA TOTAL	2094020	17741320	4571360	14584620	10224600	48229100	104138319	24639493
POINT SOURCES								
EXT COMB								
ELEC GEN	1023874	549533347	14902610	687043	3392542	6728192		
INDUSTRIAL	355568	39888898	11147015	2840395	2864013	50963882		
COMM-INSTL		3132442	2201318	1476573	548239	1016717		
INPROCESS	513904	11978849	1400710	892565	1544210	1015206		
INTERNL COMB								
ELEC GEN				583571	221904			
INDUSTRIAL			1797	171035	764493		3118	66299
COMM-INSTL								6367
POINT TOTAL	1893346	604533536	29653450	6651182	9335401	59723997	3118	72666
GRAND TOTAL	3987366	622274856	34224810	21235802	19560001	107953097	104141437	24712159

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN	48201998	536393		33055			2867872	
INDUSTRIAL	2667969	669024	8994933	3721313	136646		1651551	1222092
COMM-INSTL	113180			89074	12386		6000	23100
INPROCESS		6956689		3989985	231434			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL	50983147	8162106	8994933	7833427	380466		4525423	1245192

*** F02 ***

*** F03 ***

STATE: INDIANA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	1600	160		194690	174020	1574700		
INDUSTRIAL		2514010	52520	89620	126880			
COMM-INSTL			3860	57740	69660			
MOBILE								
LIGHT DUTY VEHICLES							2041557	
LIGHT DUTY TRUCKS							342096	
HEAVY DUTY VEHICLES							155574	572490
RAILROAD								142190
OFF-HIGHWAY							71480	106390
VESSELS			1170				22059	3380
AREA TOTAL	1600	2514170	57550	342050	370560	1574700	2632766	824450
POINT SOURCES								
EXT COMB								
ELEC GEN		32346839	60	23398	4615			
INDUSTRIAL		2118599	130954	70481	51108	89186		
COMM-INSTL		448407	2166	4915	1555	12175		
INPROCESS	11423	437512	89171	3887	72326	8750		
INTERNL COMB								
ELEC GEN				6379	959			
INDUSTRIAL				997	12282			
COMM-INSTL							4	43
POINT TOTAL	11423	35351357	222351	110057	142845	110111	4	43
GRAND TOTAL	13023	37865527	279901	452107	513405	1684811	2632770	824493

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL	10276			601304	2508		41932	518
COMM-INSTL								
INPROCESS		12392		580637	470			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL	10276	12392		1181941	2978		41932	518

*** F04 ***

*** F05 ***

STATE: NEW HAMPSHIRE

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL 1000 TONS	BITM COAL 1000 TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	940			154990	7130	429700		
INDUSTRIAL	1740		5560	12450	1340			
COMM-INSTL	7060		14180	22450	4390			
MOBILE								
LIGHT DUTY VEHICLES							311823	
LIGHT DUTY TRUCKS							52350	
HEAVY DUTY VEHICLES							24019	29230
RAILROAD								90
OFF-HIGHWAY							15636	6320
VESSELS			1440				362	270
AREA TOTAL	9740		21180	189890	12860	429700	404190	35910
POINT SOURCES								
EXT COMB								
ELEC GEN		890000	167855					
INDUSTRIAL		1000	12087	1007	26	14949		
COMM-INSTL			5759	809				
INPROCESS				2497	133			
INTERNL COMB								
ELEC GEN				84	140			
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		891000	185701	4397	299	14949		
GRAND TOTAL	9740	891000	206881	194287	13159	444649	404190	35910

	LIGNITE 1000 TONS	COKE 1000 TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				60				
COMM-INSTL								
INPROCESS					208			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL				60	208			

*** F06 ***

*** F07 ***

STATE: TEXAS

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		1190		4710	237510	582700		
INDUSTRIAL		2963040	1044580	576480	1312180			
COMM-INSTL	2000	2320	124200	455420	148720			
MOBILE								
LIGHT DUTY VEHICLES							6309919	
LIGHT DUTY TRUCKS							1040508	
HEAVY DUTY VEHICLES							436023	1385133
RAILROAD								544700
OFF-HIGHWAY							198992	668380
VESSELS			220650				93206	150680
AREA TOTAL	2000	2966550	1389430	1036610	1698410	582700	8078648	2748893
POINT SOURCES								
EXT COMB								
ELEC GEN		24104700	26493	31137	1336166	33355		
INDUSTRIAL			110864	67587	448846	613767		
COMM-INSTL			10	293	8469			
INPROCESS		249097	1079	5895	204952	348629		
INTERNL COMB								
ELEC GEN				4228	51671			
INDUSTRIAL				4906	272490			
COMM-INSTL							3076	
POINT TOTAL		24353797	138446	114046	2322594	995751	3076	
GRAND TOTAL	2000	27320347	1527876	1150656	4021004	1578451	8081724	2748893

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN	27037490							
INDUSTRIAL	1344000	2400		223821	6966		72335	30706
COMM-INSTL							6000	
INPROCESS		41411		3158	3808			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL	28381490	43811		226979	10774		78335	30706

*** F08 ***

*** G01 ***

*** G02 ***

STATE: DELAWARE

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	570			54090	8360	167200		
INDUSTRIAL	3600				6960			
COMM-INSTL	2430		62140	22230	3970			
MOBILE								
LIGHT DUTY VEHICLES							237891	
LIGHT DUTY TRUCKS							37920	
HEAVY DUTY VEHICLES							12955	35996
RAILROAD								880
OFF-HIGHWAY							8635	6860
VESSELS			2900				4715	350
AREA TOTAL	6600		65040	76320	19290	167200	302116	44086
POINT SOURCES								
EXT COMB								
ELEC GEN		1840000	232560	7050	5039			
INDUSTRIAL		179777	100428	22913	7585			
COMM-INSTL			21031	7364	327			
INPROCESS				163	69			
INTERNL COMB								
ELEC GEN				780				
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		2019777	354019	38270	13020			
GRAND TOTAL	6600	2019777	419059	114590	32310	167200	302116	44086

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN		63520		640				
INDUSTRIAL				1114				
COMM-INSTL								
INPROCESS		36		90	604			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		63556		1844	604			

*** G03 ***

*** 604 ***

STATE: MICHIGAN

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	260	18210		340500	375250	2189200		
INDUSTRIAL					47930			
COMM-INSTL	13770	85040	7110	133670	171970			
MOBILE								
LIGHT DUTY VEHICLES							3146970	
LIGHT DUTY TRUCKS							509964	
HEAVY DUTY VEHICLES							193567	342467
RAILROAD								75780
OFF-HIGHWAY							140636	125970
VESSELS			510				52874	2410
AREA TOTAL	14030	103250	7620	474170	595150	2189200	4044011	546627
POINT SOURCES								
EXT COMB								
ELEC GEN		23449549	232065	15266	14166			
INDUSTRIAL		3215936	187555	56503	125562	240077		
COMM-INSTL		7020	6538	359	2729			
INPROCESS		3232369	35916	32899	72505	26830		
INTERNL COMB								
ELEC GEN				3172	5505			
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		29904874	462074	108199	220467	266907		
GRAND TOTAL	14030	30008124	469694	582369	815617	2456107	4044011	546627

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				70269			3120	416000
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL				70269			3120	416000

*** G05 ***

*** G06 ***

STATE: OREGON

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		4250		109640	20030	947200		
INDUSTRIAL		161010		80510	5700	114100		
COMM-INSTL		1330	41600	33330	14660			
MOBILE								
LIGHT DUTY VEHICLES							1014954	
LIGHT DUTY TRUCKS							159505	
HEAVY DUTY VEHICLES							49196	229504
RAILROAD								135150
OFF-HIGHWAY							32640	53590
VESSELS			23500				16574	27290
AREA TOTAL		166590	65100	223480	40390	1061300	1272869	445534
POINT SOURCES								
EXT COMB								
ELEC GEN		1197200		1480				
INDUSTRIAL		70650	126564		28546	7272459		
COMM-INSTL			41	10729	288	1		
INPROCESS		84043	3302	1973	9053	382992		
INTERNL COMB								
ELEC GEN				33	185			
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		1351893	129907	14215	38072	7655452		
GRAND TOTAL		1518483	195007	237695	78462	8716752	1272869	445534

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL					2153		1809	
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL					2153		1809	

*** G07 ***

*** G08 ***

NEDS ANNUAL FUEL SUMMARY REPORT

STATE: AMERICAN SAMOA

USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL								
INDUSTRIAL								
COMM-INSTL								
MOBILE								
LIGHT DUTY VEHICLES								
LIGHT DUTY TRUCKS								
HEAVY DUTY VEHICLES								
RAILROAD								
OFF-HIGHWAY								
VESSELS								
AREA TOTAL								
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL								
GRAND TOTAL								

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL								

*** H01 ***

STATE: ALABAMA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		60020		8230	62580	712100		
INDUSTRIAL		747410			91230			
COMM-INSTL	9990	24460		54110	25720			
MOBILE								
LIGHT DUTY VEHICLES							1458410	
LIGHT DUTY TRUCKS							240608	
HEAVY DUTY VEHICLES							101084	286083
RAILROAD								170300
OFF-HIGHWAY							44685	72850
VESSELS			14140				27935	32900
AREA TOTAL	9990	831890	14140	62340	179530	712100	1872722	562133
POINT SOURCES								
EXT COMB								
ELEC GEN		19523390		3422	1779	535224		
INDUSTRIAL		1312006	330837	48066	72723	2279484		
COMM-INSTL			282	2762	1121	140570		
INPROCESS		35403	16157	19977	28421			
INTERNL COMB								
ELEC GEN				980				
INDUSTRIAL				40	58			
COMM-INSTL								
POINT TOTAL		20870799	347276	75247	104102	2955278		
GRAND TOTAL	9990	21702689	361416	137587	283632	3667378	1872722	562133

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN		378800		29946				
INDUSTRIAL		3962		263814	2142			16100
COMM-INSTL								
INPROCESS		2238176		124815	670			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		2620938		418575	2812			16100

*** HO2 ***

*** H03 ***

STATE: IOWA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	10	7870		94090	93410	172100		
INDUSTRIAL				380	5570			
COMM-INSTL	43010	96910	1050	43340	45860			
MOBILE								
LIGHT DUTY VEHICLES							1011569	
LIGHT DUTY TRUCKS							183310	
HEAVY DUTY VEHICLES							113843	293890
RAILROAD								42290
OFF-HIGHWAY							40482	139610
VESSELS							16389	790
AREA TOTAL	43020	104780	1050	137810	144840	172100	1365593	476580
POINT SOURCES								
EXT COMB								
ELEC GEN		11846335	260	7879	3205			
INDUSTRIAL	5	1288235	13535	41980	57378			
COMM-INSTL		1295		1022	932			
INPROCESS		52794	6112	4202	63035			
INTERNL COMB								
ELEC GEN				1398	416			
INDUSTRIAL				496	46		31	
COMM-INSTL								1
POINT TOTAL	5	13188659	19907	56977	125012		31	1
GRAND TOTAL	43025	13293439	20957	194787	269852	172100	1365624	476581

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN	11070							
INDUSTRIAL		6515		11667	6485		61200	
COMM-INSTL				73	491			
INPROCESS		2882		9978	5947			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL	11070	9397		21718	12923		61200	

*** H04 ***

*** H05 ***

STATE: NEW JERSEY

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	6980	3510		982940	150200	1111900		
INDUSTRIAL				271650	24640			
COMM-INSTL	99030	2480	217520	294250	20920			
MOBILE								
LIGHT DUTY VEHICLES							2512100	
LIGHT DUTY TRUCKS							397697	
HEAVY DUTY VEHICLES							129513	365240
RAILROAD								12230
OFF-HIGHWAY							71728	30120
VESSELS			111190				15471	51520
AREA TOTAL	- 106010	5990	328710	1548840	195760	1111900	3126509	459110
POINT SOURCES								
EXT COMB								
ELEC GEN		2767500	359835	66202	72725			
INDUSTRIAL		110110	871169	102536	41208			
COMM-INSTL			59318	39500	53726			
INPROCESS		1200	9762	750	23976			
INTERNL COMB								
ELEC GEN				39759	5745			
INDUSTRIAL			1078	4311	2000			
COMM-INSTL								
POINT TOTAL		2878810	1301162	253058	199380			
GRAND TOTAL	106010	2884800	1629872	1801898	395140	1111900	3126509	459110

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN				163				
INDUSTRIAL				4	84		43800	149
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL				167	84		43800	149

*** H06 ***

*** H07 ***

STATE: UTAH

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL	BITH COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		55680		3960	56560	237300		
INDUSTRIAL		263010	1100	52840	20360			
COMM-INSTL		25210						
MOBILE								
LIGHT DUTY VEHICLES							534720	
LIGHT DUTY TRUCKS							84710	
HEAVY DUTY VEHICLES							27722	116500
RAILROAD								73210
OFF-HIGHWAY							17284	28340
VESSELS							5004	
AREA TOTAL		343900	1100	56800	76920	237300	669440	218050
POINT SOURCES								
EXT COMB								
ELEC GEN		4957470	840	2395	2620			
INDUSTRIAL		249090	38731	1746	13088			
COMM-INSTL		132060		15960	1876			
INPROCESS		78805	1151	12459	11113			
INTERNL COMB								
ELEC GEN				35	470			
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		5417425	40722	32595	29167			
GRAND TOTAL		5761325	41822	89395	106087	237300	669440	218050

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN		26270						
INDUSTRIAL				81353	2			
COMM-INSTL					100			
INPROCESS		24884		64037	1510			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		51154		145390	1612			

*** H08 ***

*** I01 ***

*** I02 ***

NEDS ANNUAL FUEL SUMMARY REPORT

STATE: DISTRICT OF COLUMBIA

USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		1830		11990	14360	15000		
INDUSTRIAL				14520				
COMM-INSTL		47440			14980			
MOBILE								
LIGHT DUTY VEHICLES							134206	
LIGHT DUTY TRUCKS							22630	
HEAVY DUTY VEHICLES							10603	15002
RAILROAD								710
OFF-HIGHWAY							8859	1990
VESSELS							551	
AREA TOTAL		49270		26510	29340	15000	176849	17702
POINT SOURCES								
EXT COMB								
ELEC GEN			5900	28127				
INDUSTRIAL		316576	10815	1455	390			
COMM-INSTL			29151	105475	78			
INPROCESS				362				
INTERNL COMB								
ELEC GEN				1900				
INDUSTRIAL					3			
COMM-INSTL								
POINT TOTAL		316576	45866	137319	471			
GRAND TOTAL		365846	45866	163829	29811	15000	176849	17702

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL								

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*** I04 ***

STATE: MINNESOTA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL				207190	108100	1448600		
INDUSTRIAL		13930		39710	54080			
COMM-INSTL				58040	55000			
MOBILE								
LIGHT DUTY VEHICLES							1481540	
LIGHT DUTY TRUCKS							246503	
HEAVY DUTY VEHICLES							108223	251649
RAILROAD								63850
OFF-HIGHWAY							68505	153040
VESSELS			3490				39840	9930
AREA TOTAL		13930	3490	304940	217180	1448600	1944611	478469
POINT SOURCES								
EXT COMB								
ELEC GEN		12026688	5401	1178	5260	3914		
INDUSTRIAL		599053	56642	6294	29654	297154		
COMM-INSTL		167745	24521	1216	11783	11972		
INPROCESS			6293	4279	6870	425		
INTERNL COMB								
ELEC GEN				1049	1049			
INDUSTRIAL			82	454	7603			2807
COMM-INSTL								667
POINT TOTAL		12793486	92939	14470	62219	313465		3474
GRAND TOTAL		12807416	96429	319410	279399	1762065	1944611	481943

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN	677044						400	
INDUSTRIAL	577451			2977	2712		216000	94
COMM-INSTL	10518							
INPROCESS		12883			4438			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL	1265013	12883		2977	7150		216400	94

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*** I06 ***

STATE: PENNSYLVANIA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	824090	131740		1101910	294110	3053500		
INDUSTRIAL				207370	170480			
COMM-INSTL	599860	54930		158240	116920			
MOBILE								
LIGHT DUTY VEHICLES							3498603	
LIGHT DUTY TRUCKS							583671	
HEAVY DUTY VEHICLES							259722	692129
RAILROAD								124220
OFF-HIGHWAY							145787	140740
VESSELS			40130				18472	11050
AREA TOTAL	1423950	186670	40130	1467520	581510	3053500	4506255	968139
POINT SOURCES								
EXT COMB								
ELEC GEN	1023874	39959164	622817	46567	228	372		
INDUSTRIAL	174500	2619888	404752	41539	83187	323199		
COMM-INSTL		221940	200756	82430	16146	171680		
INPROCESS	41138	1225010	32421	31312	99221			
INTERNL COMB								
ELEC GEN				65970	3184			
INDUSTRIAL				274	13759			
COMM-INSTL								
POINT TOTAL	1239512	44026002	1260746	268092	215725	495251		
GRAND TOTAL	2663462	44212672	1300876	1735612	797235	3548751	4506255	968139

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN		67407						
INDUSTRIAL		397904		661088	25		19223	137147
COMM-INSTL								7
INPROCESS		219270		244111	4483			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		684581		905199	4508		19223	137154

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*** I08 ***

STATE: GUAM

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL								
INDUSTRIAL								
COMM-INSTL								
MOBILE								
LIGHT DUTY VEHICLES							31590	
LIGHT DUTY TRUCKS							4390	
HEAVY DUTY VEHICLES								5595
RAILROAD								
OFF-HIGHWAY								
VESSELS			160					
AREA TOTAL			160				35980	5595
POINT SOURCES								
EXT COMB								
ELEC GEN			177579					
INDUSTRIAL				7450	280			
COMM-INSTL			297	1084				
INPROCESS								
INTERNL COMB								
ELEC GEN				3430				
INDUSTRIAL								
COMM-INSTL								445
POINT TOTAL			177876	11964	280			445
GRAND TOTAL			178036	11964	280		35980	6040

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL								

*** J01 ***

STATE: ALASKA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL ********** TONS	BITM COAL ********** TONS	RESID OIL ********** 1000 GALS	DIST OIL ********** 1000 GALS	NAT GAS ********** 10E6 CUFT	WOOD/BARK ********** TONS	GASOLINE ********** 1000 GALS	DIESEL ********** 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL				38270	7880	144500		
INDUSTRIAL			400	15860	37770			
COMM-INSTL			330	14080	12640			
MOBILE								
LIGHT DUTY VEHICLES							140331	
LIGHT DUTY TRUCKS							22881	
HEAVY DUTY VEHICLES							9007	14401
RAILROAD								5300
OFF-HIGHWAY							4718	11750
VESSELS							3251	32490
AREA TOTAL			730	68210	58290	144500	180188	63941
POINT SOURCES								
EXT COMB								
ELEC GEN		493951		197	4218	129475		
IND'TRIAL		103825	275	51713	2876	147300		
COMM-INSTL		314896		23522	4333			
INPROCESS			161	3577	10730			
INTERNL COMB								
ELEC GEN				51278	20517			
INDUSTRIAL				3319	17237			
COMM-INSTL								
POINT TOTAL		912672	436	133606	59911	276775		
GRAND TOTAL		912672	1166	201816	118201	421275	180188	63941

	LIGNITE ********** TONS	COKE ********** TONS	BAGASSE ********** TONS	PROCESS GAS ********** 10E6 CUFT	LIQ-PETRO ********** 1000 GALS	JET FUEL ********** 1000 GALS	SOLID WASTE ********** TONS	LIQUID WASTE ********** 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS					14689			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL					14689			

*** J02 ***

*** J03 ***

STATE: KANSAS

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		780		1200	82140	154500		
INDUSTRIAL		303010	27590	52440	217040			
COMM-INSTL		1110		16500	52010			
MOBILE								
LIGHT DUTY VEHICLES							952958	
LIGHT DUTY TRUCKS							155959	
HEAVY DUTY VEHICLES							62698	239425
RAILROAD								159960
OFF-HIGHWAY							30854	95440
VESSELS							8762	
AREA TOTAL		304900	27590	70140	351190	154500	1211231	494825
POINT SOURCES								
EXT COMB								
ELEC GEN		11326990	15885	4516	72966			
INDUSTRIAL				4	2648			
COMM-INSTL					17			
INPROCESS			534	534	4280			
INTERNL COMB								
ELEC GEN				5105	7918			
INDUSTRIAL					1782			
COMM-INSTL								
POINT TOTAL		11326990	16419	10159	89611			
GRAND TOTAL		11631890	44009	80299	440801	154500	1211231	494825

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS		3393			6789			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		3393			6789			

*** J04 ***

*** J05 ***

STATE: NEW MEXICO

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		3730		4470	29580	473200		
INDUSTRIAL			35870	57400	12260			
COMM-INSTL		10100	220	50670	16780			
MOBILE								
LIGHT DUTY VEHICLES							624430	
LIGHT DUTY TRUCKS							97406	
HEAVY DUTY VEHICLES							28329	157265
RAILROAD								97800
OFF-HIGHWAY							15252	89802
VESSELS							2505	
AREA TOTAL		13830	36090	112540	58620	473200	767922	344867
POINT SOURCES								
EXT COMB								
ELEC GEN		10618607	614	6307	52336			
INDUSTRIAL	1245				13410	147565		
COMM-INSTL				1006	760			
INPROCESS		144144	60	4864	1419			
INTERNL COMB								
ELEC GEN				105	617			
INDUSTRIAL				795	70444			
COMM-INSTL								
POINT TOTAL	1245	10762751	674	13077	138986	147565		
GRAND TOTAL	1245	10776581	36764	125617	197606	620765	767922	344867

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				1500				
COMM-INSTL								
INPROCESS					204			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL				1500	204			

*** J06 ***

*** J07 ***

STATE: VERMONT

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	1510			91970	3030	347200		
INDUSTRIAL	3310	3010		5980	2070			
COMM-INSTL	23480		6090	25520	820			
MOBILE								
LIGHT DUTY VEHICLES							186394	
LIGHT DUTY TRUCKS							30826	
HEAVY DUTY VEHICLES							13116	31772
RAILROAD								630
OFF-HIGHWAY							9491	12310
VESSELS							2581	260
AREA TOTAL	28300	3010	6090	123470	5920	347200	242408	44972
POINT SOURCES								
EXT COMB								
ELEC GEN		14111		350	535	65274		
INDUSTRIAL			15428	536		45968		
COMM-INSTL			451					
INPROCESS								
INTERNL COMB								
ELEC GEN				410				
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		14111	15879	1296	535	111242		
GRAND TOTAL	28300	17121	21969	124766	6455	458442	242408	44972

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL								

*** J08 ***

*** K01 ***

*** K02 ***

STATE: FLORIDA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL ********** TONS	BITM COAL ********** TONS	RESID OIL ********** 1000 GALS	DIST OIL ********** 1000 GALS	NAT GAS ********** 10E6 CUFT	WOOD/BARK ********** TONS	GASOLINE ********** 1000 GALS	DIESEL ********** 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		740		65190	37820	793900		
INDUSTRIAL					6940			
COMM-INSTL		300		52950				
MOBILE								
LIGHT DUTY VEHICLES							3840896	
LIGHT DUTY TRUCKS							617518	
HEAVY DUTY VEHICLES							223196	547428
RAILROAD								73320
OFF-HIGHWAY							103435	57780
VESSELS			89180				83183	108060
AREA TOTAL		1040	89180	118140	44760	793900	4868228	786588
POINT SOURCES								
EXT COMB								
ELEC GEN		9398320	3035086	65720	158835			
INDUSTRIAL		475623	389473	47743	77625	12242462		
COMM-INSTL			41468	59571	38781			
INPROCESS		97709	233749	33752	26155	3660		
INTERNL COMB								
ELEC GEN				100286	14164			
INDUSTRIAL				104412	3917			
COMM-INSTL								
POINT TOTAL		9971652	3699776	411484	319477	12246122		
GRAND TOTAL		9972692	3788956	529624	364237	13040022	4868228	786588

	LIGNITE ********** TONS	COKE ********** TONS	BAGASSE ********** TONS	PROCESS GAS ********** 10E6 CUFT	LIQ-PETRO ********** 1000 GALS	JET FUEL ********** 1000 GALS	SOLID WASTE ********** TONS	LIQUID WASTE ********** 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN							2806272	
INDUSTRIAL			1824964		81144			517556
COMM-INSTL								
INPROCESS		5950		4	6100			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		5950	1824964	4	87244		2806272	517556

*** K03 ***

*** K04 ***

STATE: MISSISSIPPI

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL				880	37830	624800		
INDUSTRIAL		109980		34660	87190			
COMM-INSTL			116220	6980	19290			
MOBILE								
LIGHT DUTY VEHICLES							917280	
LIGHT DUTY TRUCKS							158564	
HEAVY DUTY VEHICLES							82842	231470
RAILROAD								43540
OFF-HIGHWAY							28402	138810
VESSELS			79250				15248	10370
AREA TOTAL		109980	195470	42520	144310	624800	1202336	424190
POINT SOURCES								
EXT COMB								
ELEC GEN		3243550	117445	3378	72895			
INDUSTRIAL			127710	97271	33134	1218400		
COMM-INSTL								
INPROCESS					760			
INTERNL COMB								
ELEC GEN					640			
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		3243550	245155	100649	107429	1218400		
GRAND TOTAL		3353530	440625	143169	251739	1843200	1202336	424190

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL								

*** K05 ***

*** K06 ***

STATE: PUERTO RICO

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	1100			9970	590			
INDUSTRIAL			54330	29390	720			
COMM-INSTL			3770	40200	10490			
MOBILE								
LIGHT DUTY VEHICLES							416467	
LIGHT DUTY TRUCKS							58543	
HEAVY DUTY VEHICLES							1795	39072
RAILROAD								150
OFF-HIGHWAY							369	690
VESSELS			32540				118	
AREA TOTAL	1100		90640	79560	11800		477292	39912
POINT SOURCES								
EXT COMB								
ELEC GEN			969438	48248				
INDUSTRIAL			329207	26101	7433			
COMM-INSTL			80948	31219	1			
INPROCESS			77065	4689	2025			
INTERNL COMB								
ELEC GEN				121776				
INDUSTRIAL				7322	9375			
COMM-INSTL								29
POINT TOTAL			1456658	239355	18834			29
GRAND TOTAL	1100		1547298	318915	30634		477292	39941

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL			1048079	6655	3077			22820
COMM-INSTL					76			21000
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL			1048079	6655	3153			43820

*** K07 ***

*** K08 ***

NEDS ANNUAL FUEL SUMMARY REPORT

STATE: VIRGIN ISLANDS

USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL								
INDUSTRIAL				90				
COMM-INSTL								
MOBILE								
LIGHT DUTY VEHICLES							53914	
LIGHT DUTY TRUCKS							9777	
HEAVY DUTY VEHICLES							6088	
RAILROAD								161
OFF-HIGHWAY								
VESSELS			290					
AREA TOTAL			290	90			69779	161
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL			36500	66				
COMM-INSTL				284				
INPROCESS			4635	133				
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL			41135	483				
GRAND TOTAL			41425	573			69779	161

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL								

*** L01 ***

STATE: ARIZONA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL ********** TONS	BITM COAL ********** TONS	RESID OIL ********** 1000 GALS	DIST OIL ********** 1000 GALS	NAT GAS ********** 10E6 CUFT	WOOD/BARK ********** TONS	GASOLINE ********** 1000 GALS	DIESEL ********** 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL				40	29160	271800		
INDUSTRIAL		959330		58150	19410			
COMM-INSTL			1540	3490	2840			
MOBILE								
LIGHT DUTY VEHICLES							1068653	
LIGHT DUTY TRUCKS							166559	
HEAVY DUTY VEHICLES							48113	224716
RAILROAD								55720
OFF-HIGHWAY							30678	50720
VESSELS							13503	
AREA TOTAL		959330	1540	61680	51410	271800	1327506	331156
POINT SOURCES								
EXT COMB								
ELEC GEN		14051078	9888	10950	49228			
INDUSTRIAL		27100	14908	3599	7544	121092		
COMM-INSTL		20599		140	23750			
INPROCESS		191775	2918	15420	41222			
INTERNL COMB								
ELEC GEN				498	5277			
INDUSTRIAL				2093	3411			
COMM-INSTL								53
POINT TOTAL		14290552	27714	32700	130432	121092		53
GRAND TOTAL		15249882	29254	94380	181842	392892	1327506	331209

	LIGNITE ********** TONS	COKE ********** TONS	BAGASSE ********** TONS	PROCESS GAS ********** 10E6 CUFT	LIQ-PETRO ********** 1000 GALS	JET FUEL ********** 1000 GALS	SOLID WASTE ********** TONS	LIQUID WASTE ********** 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL					268			2093
INPROCESS		3153			242			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		3153			510			2093

*** L02 ***

*** L03 ***

STATE: KENTUCKY

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	15030	260690		43380	79060	1473900		
INDUSTRIAL		914990	1530	112600	580			
COMM-INSTL	34940	150890	10240	30200				
MOBILE								
LIGHT DUTY VEHICLES							1333089	
LIGHT DUTY TRUCKS							231686	
HEAVY DUTY VEHICLES							123701	269590
RAILROAD								135670
OFF-HIGHWAY							37599	63610
VESSELS							11805	68280
AREA TOTAL	49970	1326570	11770	186180	79640	1473900	1737880	537150
POINT SOURCES								
EXT COMB								
ELEC GEN		25911025	195	12616	2470			
INDUSTRIAL		777666	23429	28079	48322	116540		
COMM-INSTL		96528	802	5747	43170	513780		
INPROCESS		288488	5722	23063	90659			
INTERNL COMB								
ELEC GEN				100				
INDUSTRIAL				342	3708			
COMM-INSTL								
POINT TOTAL		27073707	30148	69947	188329	630320		
GRAND TOTAL	49970	28400277	41918	256127	267969	2104220	1737880	537150

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL		144159		136262	3962			
COMM-INSTL					351			
INPROCESS		23		77355	74228			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		144182		213617	78541			

*** L04 ***

*** L05 ***

STATE: NEW YORK

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	27690	13910		1538580	348940	2690900		
INDUSTRIAL	1360				36340			
COMM-INSTL		8010			127860			
MOBILE								
LIGHT DUTY VEHICLES							4312080	
LIGHT DUTY TRUCKS							685596	
HEAVY DUTY VEHICLES							230157	380713
RAILROAD								50700
OFF-HIGHWAY							161736	64430
VESSELS			113340				31622	41600
AREA TOTAL	29050	21920	113340	1538580	513140	2690900	5421191	537443
POINT SOURCES								
EXT COMB								
ELEC GEN		6484830	2632661	16359	120713			
INDUSTRIAL	2055	3133695	1616827	88776	52497	356464		
COMM-INSTL		202691	907909	402973	39404			
INPROCESS	325055	768621	179696	144888	39317			
INTERNL COMB								
ELEC GEN				15550	10120			
INDUSTRIAL								
COMM-INSTL								1080
POINT TOTAL	327110	10589837	5337093	668546	262051	356464		1080
GRAND TOTAL	356160	10611757	5450433	2207126	775191	3047364	5421191	538523

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS		110716			29			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		110716			29			

*** L06 ***

*** L07 ***

NEDS ANNUAL FUEL SUMMARY REPORT

STATE: VIRGINIA

USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	4050	141920		272660	57390	2272500		
INDUSTRIAL		1000990			48650			
COMM-INSTL	5940	44880			33250			
MOBILE								
LIGHT DUTY VEHICLES							1991793	
LIGHT DUTY TRUCKS							331208	
HEAVY DUTY VEHICLES							144982	381529
RAILROAD								91640
OFF-HIGHWAY							71390	38560
VESSELS			38060				17767	21440
AREA TOTAL	9990	1187790	38060	272660	139290	2272500	2557140	533169
POINT SOURCES								
EXT COMB								
ELEC GEN		6547710	264305	5220	720	3254		
INDUSTRIAL		1643420	413898	158188	9456	1132354		
COMM-INSTL		32812	102996	72627	1207			
INPROCESS		328335	11207	16974	5175			
INTERNL COMB								
ELEC GEN				15915	1410			
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		8602277	792406	268924	17968	1135608		
GRAND TOTAL	9990	9790067	830466	541584	157258	3408108	2557140	533169

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL		1			2836		198795	
COMM-INSTL					12			
INPROCESS		86550			1296			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		86551			4144		198795	

*** L08 ***

*** M01 ***

*** M02 ***

STATE: GEORGIA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		115450		8920	106470	992000		
INDUSTRIAL		291030			66620			
COMM-INSTL				52310	46250			
MOBILE								
LIGHT DUTY VEHICLES							2218295	
LIGHT DUTY TRUCKS							370067	
HEAVY DUTY VEHICLES							164648	513971
RAILROAD								79960
OFF-HIGHWAY							64339	45700
VESSELS			27730				23829	64890
AREA TOTAL		406480	27730	61230	219340	992000	2841178	704521
POINT SOURCES								
EXT COMB								
ELEC GEN		22023780	24265	7952	4074	5474531		
INDUSTRIAL	81600	209980	553668	22560	58212	1871233		
COMM-INSTL		1105	6372	5948	10812			
INPROCESS	110612	178141	15791	91142	39384	128890		
INTERNL COMB								
ELEC GEN				1060				
INDUSTRIAL					522			
COMM-INSTL								
POINT TOTAL	192212	22413006	600096	128662	113004	7474654		
GRAND TOTAL	192212	22819486	627826	189892	332344	8466654	2841178	704521

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				736	1328			2389
COMM-INSTL					8130			
INPROCESS		8372			615			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		8372		736	10073			2389

*** M03 ***

*** M04 ***

STATE: MISSOURI

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		860		61970	149790	1777600		
INDUSTRIAL		621970		39910		100		
COMM-INSTL		39610	9220	66420	58210			
MOBILE								
LIGHT DUTY VEHICLES							1963884	
LIGHT DUTY TRUCKS							316915	
HEAVY DUTY VEHICLES							117267	375316
RAILROAD								57520
OFF-HIGHWAY							52250	141180
VESSELS							33779	20330
AREA TOTAL		662440	9220	168300	208000	1777700	2484095	594346
POINT SOURCES								
EXT COMB								
ELEC GEN		23446165	4187	7755	7354			
INDUSTRIAL	58300	202115	79680	1466	65918			
COMM-INSTL		29367	512	262	10223			
INPROCESS		529022	13937	22184	16830	28615		
INTERNL COMB								
ELEC GEN				1321	632			
INDUSTRIAL					637			61464
COMM-INSTL								65
POINT TOTAL	58300	24206669	98316	32988	101594	28615		61529
GRAND TOTAL	58300	24869109	107536	201288	309594	1806315	2484095	655875

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				4363	2076			
COMM-INSTL								
INPROCESS		96365		507	6577			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		96365		4870	8653			

*** M05 ***

*** M06 ***

STATE: RHODE ISLAND

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL ********** TONS	BITM COAL ********** TONS	RESID OIL ********** 1000 GALS	DIST OIL ********** 1000 GALS	NAT GAS ********** 10E6 CUFT	WOOD/BARK ********** TONS	GASOLINE ********** 1000 GALS	DIESEL ********** 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL	960			110100	14970	140900		
INDUSTRIAL		2000	3620	11380	5150			
COMM-INSTL	5040			16730	6110			
MOBILE								
LIGHT DUTY VEHICLES							292079	
LIGHT DUTY TRUCKS							46199	
HEAVY DUTY VEHICLES							14947	26356
RAILROAD								1970
OFF-HIGHWAY							11125	1790
VESSELS			630				2615	1270
AREA TOTAL	6000	2000	4250	138210	26230	140900	366965	31386
POINT SOURCES								
EXT COMB								
ELEC GEN			51590		2600			
INDUSTRIAL			27550	503	277			
COMM-INSTL			22916	242	754			
INPROCESS		218						
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		218	102056	745	3631			
GRAND TOTAL	6000	2218	106306	138955	29861	140900	366965	31386

	LIGNITE ********** TONS	COKE ********** TONS	BAGASSE ********** TONS	PROCESS GAS ********** 10E6 CUFT	LIQ-PETRO ********** 1000 GALS	JET FUEL ********** 1000 GALS	SOLID WASTE ********** TONS	LIQUID WASTE ********** 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL								

*** M07 ***

*** M08 **

PROGRAM HAS FINISHED

*** N01 ***

STATE: ARKANSAS

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
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DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL				2700	50720	566800		
INDUSTRIAL		103030		48710	55530			
COMM-INSTL			3770	34210	28300			
MOBILE								
LIGHT DUTY VEHICLES							887007	
LIGHT DUTY TRUCKS							148643	
HEAVY DUTY VEHICLES							67624	235423
RAILROAD								113260
OFF-HIGHWAY							26418	129500
VESSELS							28727	2710
AREA TOTAL		103030	3770	85620	134550	566800	1158419	480893
POINT SOURCES								
EXT COMB								
ELEC GEN		5555450	30275	345	17163			
INDUSTRIAL		206032	100708	75	6310	2049517		
COMM-INSTL								
INPROCESS					62			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL					8679			
COMM-INSTL								
POINT TOTAL		5761482	130983	420	32214	2049517		
GRAND TOTAL		5864512	134753	86040	166764	2616317	1158419	480893

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				3945				
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL				3945				

*** NO2 ***

*** NO2 ***

*** N03 ***

STATE: LOUISIANA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL				1150	86670	382100		
INDUSTRIAL		283720		124190	12260			
COMM-INSTL			650550		39130			
MOBILE								
LIGHT DUTY VEHICLES							1647658	
LIGHT DUTY TRUCKS							278069	
HEAVY DUTY VEHICLES							130811	302509
RAILROAD								134130
OFF-HIGHWAY							56056	236460
VESSELS			138140				39313	119200
AREA TOTAL		283720	788690	125340	138060	382100	2151907	792299
POINT SOURCES								
EXT COMB								
ELEC GEN		1077000	167565	22820	414205			
INDUSTRIAL			498243	387382	605004	3047460		
COMM-INSTL			3016	19796	386			
INPROCESS	42	20020	126881	81088	174900	9508		
INTERNL COMB								
ELEC GEN				1728	1860			
INDUSTRIAL				2175	232274			
COMM-INSTL								
POINT TOTAL	42	1097020	795705	514989	1428629	3056968		
GRAND TOTAL	42	1380740	1584395	640329	1566689	3439068	2151907	792299

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL			2172989	31040	17		602512	7375
COMM-INSTL				5				
INPROCESS				48657	575			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL			2172989	79702	592		602512	7375

*** N04 ***

*** N05 ***

STATE: NORTH CAROLINA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		37620		313260	45730	2818300		
INDUSTRIAL		403620		6400	68490	85800		
COMM-INSTL		61320			26010	3500		
MOBILE								
LIGHT DUTY VEHICLES							2190044	
LIGHT DUTY TRUCKS							375358	
HEAVY DUTY VEHICLES							189191	402144
RAILROAD								38420
OFF-HIGHWAY							76088	49670
VESSELS			2860				22575	2970
AREA TOTAL		502560	2860	319660	140230	2907600	2853256	493204
POINT SOURCES								
EXT COMB								
ELEC GEN		24949630	4200	9762	48	7100		
INDUSTRIAL		1061516	671902	56898	12530	2038575		
COMM-INSTL		4091	29453	12210	382			
INPROCESS		175811	86595	18324	12284	20605		
INTERNL COMB								
ELEC GEN				6570	860			
INDUSTRIAL				72				
COMM-INSTL								
POINT TOTAL		26191048	792150	103836	26104	2066280		
GRAND TOTAL		26693608	795010	423496	166334	4973880	2853256	493204

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL	1550			50	454		17150	367
COMM-INSTL								
INPROCESS		3869		5292	3514			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL	1550	3869		5342	3968		17150	367

*** N06 ***

*** N07 ***

STATE: WASHINGTON

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		18810		148650	29950	1088200		
INDUSTRIAL		112010	156300	84780	35820			
COMM-INSTL		57600	29400	18500	23800			
MOBILE								
LIGHT DUTY VEHICLES							1509929	
LIGHT DUTY TRUCKS							229823	
HEAVY DUTY VEHICLES							53302	222348
RAILROAD								70910
OFF-HIGHWAY							50905	112630
VESSELS			41980				31033	62390
AREA TOTAL		188420	227680	251930	89570	1088200	1874992	468278
POINT SOURCES								
EXT COMB								
ELEC GEN		4964400	1773	785	643			
INDUSTRIAL		163704	132824	4075	21354	3863879		
COMM-INSTL			2851	24442	4832			
INPROCESS	14400		21663	1164	10493	10000		
INTERNL COMB								
ELEC GEN				25				
INDUSTRIAL					1300			
COMM-INSTL								
POINT TOTAL	14400	5128104	159111	30491	38622	3873879		
GRAND TOTAL	14400	5316524	386791	282421	128192	4962079	1874992	468278

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN	30							
INDUSTRIAL	62506			9500	2		59942	100
COMM-INSTL				120				
INPROCESS		14316		31	45166			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL	62536	14316		9651	45168		59942	100

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*** N08 ***
@PMD,HELP

@BRKPT  PRINT$
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*** 001 ***

*** 002 ***

STATE: HAWAII

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL TONS	BITM COAL TONS	RESID OIL 1000 GALS	DIST OIL 1000 GALS	NAT GAS 10E6 CUFT	WOOD/BARK TONS	GASOLINE 1000 GALS	DIESEL 1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL				80	1440			
INDUSTRIAL								
COMM-INSTL				125440	810			
MOBILE								
LIGHT DUTY VEHICLES							252190	
LIGHT DUTY TRUCKS							37958	
HEAVY DUTY VEHICLES							7763	16572
RAILROAD								420
OFF-HIGHWAY							13882	28650
VESSELS			7270				2005	2360
AREA TOTAL			7270	125520	2250		313798	48002
POINT SOURCES								
EXT COMB								
ELEC GEN			416211	15960				
INDUSTRIAL			74075	41943	1901			
COMM-INSTL			8806	14977	800			
INPROCESS		1218	2592	399				
INTERNL COMB								
ELEC GEN				30992				
INDUSTRIAL				630				
COMM-INSTL								
POINT TOTAL		1218	501684	104901	2701			
GRAND TOTAL		1218	508954	230421	4951		313798	48002

	LIGNITE TONS	COKE TONS	BAGASSE TONS	PROCESS GAS 10E6 CUFT	LIQ-PETRO 1000 GALS	JET FUEL 1000 GALS	SOLID WASTE TONS	LIQUID WASTE 1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL			3947479	23180			15500	
COMM-INSTL								
INPROCESS								
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL			3947479	23180			15500	

*** 003 ***

*** 004 ***

STATE: MONTANA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITH COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		16990		11340	19530	401300		
INDUSTRIAL		105000	72190	12490	170			
COMM-INSTL		1140		18760	13510			
MOBILE								
LIGHT DUTY VEHICLES							349726	
LIGHT DUTY TRUCKS							55540	
HEAVY DUTY VEHICLES							18486	106669
RAILROAD								60940
OFF-HIGHWAY							10120	43150
VESSELS							2943	
AREA TOTAL		123130	72190	42590	33210	401300	436815	210759
POINT SOURCES								
EXT COMB								
ELEC GEN		3337900	1998		2085	425486		
INDUSTRIAL			19723	869	14811	761136		
COMM-INSTL					240	8400		
INPROCESS		147590	3	6687	4268	29300		
INTERNL COMB								
ELEC GEN								
INDUSTRIAL				15696	256			
COMM-INSTL								
POINT TOTAL		3485890	21724	23252	21660	1224322		
GRAND TOTAL		3609020	93914	65842	54870	1625622	436815	210759

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				3134				
COMM-INSTL								
INPROCESS		67828			20			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		67828		3134	20			

*** 005 ***

*** 006 ***

STATE: SOUTH CAROLINA

NEDS ANNUAL FUEL SUMMARY REPORT
USER FILE CREATE DATE: MONDAY JULY 11, 1983
AREA FILE CREATE DATE: TUESDAY NOVEMBER 22, 1983

DATE OF RUN: 12/01/83

	ANTH COAL	BITM COAL	RESID OIL	DIST OIL	NAT GAS	WOOD/BARK	GASOLINE	DIESEL
	TONS	TONS	1000 GALS	1000 GALS	10E6 CUFT	TONS	1000 GALS	1000 GALS
AREA SOURCES								
STATIONARY								
RESIDENTIAL		18560		83180	26070	626100		
INDUSTRIAL					52100			
COMM-INSTL	18970	21490		18450	18780			
MOBILE								
LIGHT DUTY VEHICLES							1222536	
LIGHT DUTY TRUCKS							195878	
HEAVY DUTY VEHICLES							69253	237549
RAILROAD								16280
OFF-HIGHWAY							37821	33090
VESSELS			9800				25314	6590
AREA TOTAL	18970	40050	9800	101630	96950	626100	1550802	293509
POINT SOURCES								
EXT COMB								
ELEC GEN		8679310	69003	5633	3690			
INDUSTRIAL		2011420	274251	35795	33813	1756602		
COMM-INSTL		57084	4905	10713	655	92241		
INPROCESS			44584	10851	12617			
INTERNL COMB								
ELEC GEN				12965	1310			
INDUSTRIAL								
COMM-INSTL								
POINT TOTAL		10747814	392743	75957	52085	1848843		
GRAND TOTAL	18970	10787864	402543	177587	149035	2474943	1550802	293509

	LIGNITE	COKE	BAGASSE	PROCESS GAS	LIQ-PETRO	JET FUEL	SOLID WASTE	LIQUID WASTE
	TONS	TONS	TONS	10E6 CUFT	1000 GALS	1000 GALS	TONS	1000 GALS
POINT SOURCES								
EXT COMB								
ELEC GEN								
INDUSTRIAL				120	434		44164	917
COMM-INSTL								
INPROCESS		880			7008			
INTERNL COMB								
ELEC GEN								
INDUSTRIAL								
COMM-INSTL								
GRAND TOTAL		880		120	7442		44164	917

*** 007 ***